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PATENT

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Dec. 17, 2004
Date

Denise Sheridan
Denise Sheridan

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants	: Terry R. Lee et al.	Attorney Docket No.:	501193.01
Serial No.	: 10/601,252	Group Art Unit	: 2818
Filed	: June 20, 2003	Examiner	: not yet assigned
Title	: MEMORY HUB AND ACCESS METHOD HAVING INTERNAL PREFETCH BUFFERS		

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicants wish to make known to the Patent and Trademark Office the references set forth on the attached form PTO-1449 (copies of the cited references, as required under 37 C.F.R. § 1.98, are enclosed). Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/893,709, describing and claiming subject matter that is similar to the subject matter of this application, was filed on July 15, 2004. This related application, as well as

any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/874,698, describing and claiming subject matter that is similar to the subject matter of this application, was filed on June 22, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/813,040, describing and claiming subject matter that is similar to the subject matter of this application, was filed on March 29, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/857,467, describing and claiming subject matter that is similar to the subject matter of this application, was filed on May 28, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/848,606, describing and claiming subject matter that is similar to the subject matter of this application, was filed on May 17, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/773,518, describing and claiming subject matter that is similar to the subject matter of this application, was filed on February 5, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/861,163, describing and claiming subject matter that is similar to the subject matter of this application, was filed on June 4, 2004. This related application, as well as

any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/769,079, describing and claiming subject matter that is similar to the subject matter of this application, was filed on January 30, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/861,145, describing and claiming subject matter that is similar to the subject matter of this application, was filed on June 4, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicants also wish to make known to the Patent and Trademark Office that an application, Serial No. 10/931,326, describing and claiming subject matter that is similar to the subject matter of this application, was filed on August 31, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Respectfully submitted,
DORSEY & WHITNEY LLP

A handwritten signature in black ink, reading "Edward W. Bulchis". The signature is fluid and cursive, with the first name "Edward" being more prominent than the last name "Bulchis".

Edward W. Bulchis
Registration No. 26,847

EWB:dms

Enclosures:

Postcard

Form PTO-1449

Cited References (65)

Copies of Related Applications (10)

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FORM PTO-1449
(REV. 7-20)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
501193.01APPLICATION NO.
10/601,252

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT(S)

Terry R. Lee et al.

FILING DATE

June 20, 2003

GROUP ART UNIT

2818

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,707,823	11/17/87	Holdren et al.	370	1	
	AB	4,930,128	05/29/90	Suzuki et al.	371	12	
	AC	5,241,506	08/31/93	Motegi et al.	365	210	
	AD	5,243,703	09/07/93	Farmwald et al.	395	325	
	AE	5,269,022	12/07/93	Shinjo et al.	395	700	
	AF	5,317,752	05/31/94	Jewett et al.	395	750	
	AG	5,319,755	06/07/94	Farmwald et a.	395	325	
	AH	5,355,391	10/11/94	Horowitz et al.	375	36	
	AI	5,432,823	07/11/95	Gasbarro et al.	375	356	
	AJ	5,465,229	11/07/95	Bechtolsheim et al.	345	477	
	AK	5,502,621	03/26/96	Schumacher et al.	361	760	
	AL	5,566,325	10/15/96	Bruce, II et al.	395	494	
	AM	5,577,220	11/19/96	Combs et al.	395	416	
	AN	5,581,767	12/03/96	Katsuki et al.	395	800	
	AO	5,606,717	02/25/97	Farmwald et al.	395	856	
	AP	5,638,334	06/10/97	Farmwald et al.	365	230.03	
	AQ	5,715,456	02/03/98	Bennett et al.	395	652	
	AR	5,819,304	10/06/98	Nilsen et al.	711	5	
	AS	5,928,343	07/27/99	Farmwald et al.	710	104	
	AT	5,973,935	10/26/99	Schoenfeld et al.	361	813	
	AU	5,973,951	10/26/99	Bechtolsheim et al.	365	52	
	AV	6,029,250	02/22/00	Keeth	713	400	
	AW	6,061,296	05/09/00	Ternullo, Jr., et al.	365	233	
	AX	6,098,158	08/01/00	Lay et al.	711	162	

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449 (REV.7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 501193.01	APPLICATION NO. 10/601,252
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>		APPLICANT(S) Terry R. Lee et al.	
		FILING DATE June 20, 2003	GROUP ART UNIT 2818

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AY	6,125,431	09/26/00	Kobayashi	711	154	
	AZ	6,175,571 B1	01/16/01	Haddock et al.	370	423	
	BA	6,185,352 B1	02/06/01	Hurley	385	114	
	BB	6,247,107 B1	06/12/01	Christie	711	216	
	BC	6,256,692 B1	07/03/01	Yoda et al.	710	104	
	BD	6,294,937 B1	09/25/01	Crafts et al.	327	158	
	BE	6,370,068 B2	04/09/02	Rhee	365	196	
	BF	6,401,213 B1	06/04/02	Jeddeloh	713	401	
	BG	6,430,696 B1	08/06/02	Keeth	713	503	
	BH	6,434,696 B1	08/13/02	Kang	713	2	
	BI	6,434,736 B1	08/13/02	Schaecher et al.	716	17	
	BJ	6,479,322 B2	11/12/02	Kawata et al.	438	109	
	BK	6,490,188 B2	12/03/02	Nuxoll et al.	365	63	
	BL	6,629,220 B1	09/30/03	Dyer	711	158	
	BM	6,646,929 B1	11/11/03	Moss et al.	365	194	
	BN	6,662,304 B2	12/09/03	Keeth et al.	713	400	
	BO	6,667,895 B2	12/23/03	Jang et al.	365	63	
	BP	6,721,195 B2	04/13/04	Brunelle et al.	365	63	
	BQ	6,724,685 B2	04/20/04	Braun et al.	365	233	
	BR	6,735,679 B1	05/11/04	Herbst et al.	711	167	
	BS	6,745,275 B2	06/01/04	Chang	710	305	
	BT	6,751,703 B2	06/15/04	Chilton	711	113	

EXAMINER	DATE CONSIDERED
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FORM PTO-1449 (REV.7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 501193.01	APPLICATION NO. 10/601,252
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>		APPLICANT(S) Terry R. Lee et al.	
		FILING DATE June 20, 2003	GROUP ART UNIT 2818

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BU	6,756,661 B2	06/29/04	Tsuneda et al.	257	673	
	BV	6,771,538 B2	08/03/04	Shukuri et al.	365	185.05	
	BW	6,792,059 B2	09/14/04	Yuan et al.	375	354	
	BX	6,799,246 B1	09/28/04	Wise et al.	711	117	
	BY	6,804,764 B2	10/12/04	LaBerge et al.	711	170	
	BZ	6,807,630 B2	10/19/04	Lay et al.	713	2	
	CA	6,816,947 B1	11/09/04	Huffman	711	151	
	CB	2001/0039612 A1	11/08/01	Lee	713	2	
	CC	2002/0116588 A1	08/22/02	Beckert et al.	711	161	
	CD	2003/0043158 A1	03/06/03	Wasserman et al.	345	545	
	CE	2003/0093630 A1	05/15/03	Richard et al.	711	154	
	CF	2003/0163649 A1	08/28/03	Kapur et al.	711	146	
	CG	2003/0177320 A1	09/18/03	Sah et al.	711	158	
	CH	2003/0193927 A1	10/16/03	Hronik	370	351	
	CI	2004/0022094 A1	02/05/04	Radhakrishnan et al.	365	200	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	CJ	WO 93/19422	09/30/93	PCT				
	CK	EP0849685A2	06/24/98	EP				

OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	CL	Intel, "Flash Memory PCI Add-In Card for Embedded Systems", Application Note AP-758, September, 1997, pp. i-13.
	CM	Shanley, T. et al., "PCI System Architecture", Third Edition, Mindshare, Inc., 1995, pp. 24-25.

EXAMINER	DATE CONSIDERED
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